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	Ex Calculo Rudolph.			Ex Observat.			Differ.		Tempus.		
	Hor.			Hor.					Hor.		
Initium	9	22	26	9	22	0	0	26			
Max. Obscur.	10	17	57	10	31	0	13	3			
Finis	11	13	26	11	39	40	26	14			
Dig. Eclips.	4	21	30	4	22	0	0	30			
Semid. ☉	0	15	0								
Semid. ☽	0	15	3	0	13	53	1	10	10	0	0
				0	14	0	1	3	10	24	0
				0	14	50	0	13	11	0	0
				0	15	0		0			ultimo.
Duratio	1	50	58	2	17	40					

An Extract of a Letter of the Learned Dr. Matthias Mangold of Basel, concerning a Mathematico Historical Table, designed in that Univerſity ; together with a Deſcription of the import of the ſame.

— CÆterum, hanc mihi inſuper indulgeo licentiam ut ſuper Tabula Mathematico-hiſtorica, à Clariffimo Megerlino, Matheſes apud nos Profefſore non contemnendo, adornata (cujus Deſcriptio incluſâ ſcedulâ continetur) tuam flagitem judicium, et quid de ea apud vos ſperare liceat. —

*Baſilæ 4 Non. Martii.
MDCLXXVI.*

Tuus

Matthias Mangold.

Deſcriptio Tabulæ Mathematico-Hiſtoricæ.

AD imitationem Geographorum, qui typum totius Terrarum Orbis unicâ Tabulâ repræſentant, omnia totius Mundi ſecula ad noſtrum uſque elapſa, omniumque Gentium Hiſtoriam, unicâ Tabulâ, memoriæ juvanda cauſâ, ob oculos ponere conatus ſum idque, ut omnes hiatus evitentur, quàm commodiſſimè fieri poſſe putavi, ſecundùm Revolutiones Conjunctionum & Oppoſitionum Magnarum Saturni & Jovis ad Trigonum Igneum; quarum ſingule octingentos annos complectuntur, ac ſeptem Revolutiones, cum ſeptem Mundi ætates, omne ævum ab Orbe condito uſq. ad noſtrum ſeculum exhauriunt: 1. Incipit à Creatione & Adamo: 2. ab Enocho: 3. à Noaho & Diluvio: 4. à Moſe, & Exitu ex Aegypto: 5. ab Eſaja, Captivitate Aſſyriaca, Olympiadibus, Romulo: 6. à Chriſto nato, & Auguſto, denique 7. à Carolo Magno, & Imperio Germanico. Tabulam igitur Mathematico-Hiſtoricam quatuor foliis à ſiniſtra ad dextram conglutinatis,

conglutinatis, per septem Columnas concinnavi, longitudine æquales, octo secula à vertice ad calcem spatiis equalibus comprehendentes; latitudine verò valde dispares, prout materia historica paulatim crescens id exigebat: Prima enim & Secunda sunt admodum tenues cum res antediluviane ferè sint incognitæ: Terciam & Quartam (ut & reliquas omnes) subdividisti in sua quasi latera, quorum illa quatuor, hæc quinque habet, res Ecclesiæ: Asia, Africa, & Europæ Orientalis atq; Occidentalis continentes; illa autem angusta, quia præter res Ecclesiæ reliqua ferè omnia sunt fabulosa: Cum Quinta Columna tempus Historicum incipit, ideoque latera habet satis lata, eaque sex; prioribus enim res Europæ Septentrionalis separatim traditæ, accedunt: Et hucusque Prima Pars Tabula se extendit. Altera à Christo nato ad nostrum seculum ex duabus solum (scil. Sexta & Septima) Columnis latissimis constat, in multa latera, res Ecclesiæ, Germaniæ, Italiæ, Hispaniæ, Galliæ, Angliæ & Scotiæ, Dantiæ & Sueciæ, Poloniæ, Ungariæ, Græciæ, Asiæ, Africa, separatim exhibentia, divisis. Adjungi posset pars Tertia, rerum nostro seculo per Orbem gestarum. Omnes autem illæ Columnæ simul ostendunt in margine Signa & Gradus Zodiaci, atque etiam annos Mundi, Periodi Julianæ, & Epochæ Christianæ, in quibus Conjunctiones illæ & Oppositiones Magnæ contigerunt; ac transversim distinctæ sunt in quatuor Trigonos Signorum, & horum quilibet in duo secula, quorum quodlibet seu quævis areola, quindecim lineolis describitur. At ne nimia rerum, quas tango, brevitæ LECTOREM destituat, Indicem Tabulæ addidi locupletissimum, cum personis ac rebus gestis Chronologiam & Authores historicos indicantem, qui Commentarii vices præstabit: Sed & alius accedit Commentarius brevis Chronologicus, in quo usus Chronologiæ in historicis ostenditur, & Ex. gr. Anacrisi Blondelli de Joanna Papissa examinatur; cum Appendice Cyclorum Planetarum, quibus mediantibus vera eorundem loca, & Eclipses Luminarium, ad sex mille annos ex Ephemeridibus nostri seculi facillimè depromi possunt.

P. Megerlin,